

REVISION TO 2006 STANDARD SPECIFICATIONS

SECTION 910, BEGIN LINE 690, DELETE AND INSERT AS FOLLOWS:

910.13 Steel Fence Posts

Tubular steel fence posts and line posts shall meet the following specifications and the requirements as shown on the plans.

(a) Line Posts

~~All posts except tubular steel fence Line posts shall be galvanized in accordance with ASTM A 123, except the weight (mass) of the coating per square foot (square meter) of actual surface on anchor plates attached to posts shall average no less than 1.50 oz (458 g) and shall be no less than 1.25 oz (382 g) for any individual specimen. Posts and anchor plates for line posts shall be of good commercial quality steel and of the shapes, weights, and dimensions shown on the plans AASHTO M 281 and galvanized in accordance with AASHTO M 111, Coating grade 65.~~

Line posts for farm field fence shall be furnished with anchor plates. End, corner, pull, and gate posts for farm field type fence shall be furnished with braces and all fittings and details required to make a complete installation as shown on the plans.

(a) (b) Tubular Steel Fence Posts

Two groups of tubular steel fence posts are included in these specifications. Tubular section posts shall have heavy malleable iron caps or pressed galvanized steel caps. Such caps shall be made to provide a drive fit over the outside of the section to exclude moisture. The weight (mass) per foot (meter) for tubular posts and braces shall be no less than 90% of the weight (mass) specified. Unless specified otherwise, the tubular steel fence post shall be group 1.

1. Group 1

Tubular steel fence posts for group 1 shall be hot-dipped zinc-coated and shall be in accordance with ASTM F 1083 except tests shall be conducted on sample posts selected as being representative of the posts furnished. The weight (mass) per foot (meter) will be acceptable provided it is at least 90% of the specified weight (mass).

2. Group 2

Tubular steel fence posts for group 2 shall have a minimum 50 ksi (345 MPa) yield strength and be in accordance with AASHTO M 181, except that the inner pipe surface may be galvanized in lieu of a zinc rich coating or hot dipped aluminum coated, Type 2, meeting the chemical requirements of AASHTO M 274. The aluminum coated, Type 2, steel fence posts shall be manufactured by roll forming aluminum coated, Type 2, steel strip and electric resistance welding it into tubular form. The outside of the weld area shall be metallized with commercially pure aluminum to a thickness sufficient to provide resistance to corrosion equal to that of the remainder of the outside of the post. The aluminum coating weight (mass) shall be a minimum of 0.75 oz/sq ft (229 g/m²) average, and 0.70 oz/sq ft (214 g/m²) for an individual test specimen, as measured in accordance with ASTM A 428. Specimens for determining weight of coating shall be obtained in accordance with ASTM F 1083.

REVISION TO 2006 STANDARD SPECIFICATIONS

SECTION 910, CONTINUED.

(b) (c) Fence Fastenings

When fastenings are necessary for attaching the farm field fence to the posts, they shall be either galvanized or aluminum coated No. 9 (3.8 mm) wire, or galvanized or aluminum coated clamps of the manufacturer's standard design. The coating weights shall be a minimum of 0.60 oz/sq ft and 0.30 oz/sq ft (183 g/m² and 92 g/m²) for galvanized and aluminum coated, respectively. A sufficient quantity of individual tie wires or clamps shall be furnished to provide for five attachments of the fencing to each line post and one tie wire for ea

Other sections containing specific cross references:	General Instructions to Field Employees Update Required? Y___ N___ By - Additional or Revision
603.02, Pg 355	Frequency Manual Update Required? Y___ N___ By - Addition or Revision
Recurring Special Provisions potentially affected:	Standard Sheets potentially affected:
NONE	NONE
Motion: Mr.	Action: Passed as submitted; revised
Second: Mr.	Effective - _____ Letting
Ayes:	_____ Supplementals
Nays:	Withdrawn. Resubmit? _____
	Received FHWA Approval? _____